# TOWN OF DAVIE TOWN COUNCIL AGENDA REPORT

TO: Mayor and Council members

**FROM/PHONE:** Herb Hyman/797-1016

**SUBJECT:** Resolution

**AFFECTED DISTRICT:** n/a

**TITLE OF AGENDA ITEM:** A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, AUTHORIZING THE MAYOR TO EXECUTE CHANGE ORDER NUMBER 2 BETWEEN THE TOWN AND WHARTON-SMITH, INC. FOR WATER PLANT IMPROVEMENTS AND WATER TRANSMISSION MAIN.

**REPORT IN BRIEF:** The Town Council previously awarded a contract to Wharton-Smith, Inc. for water treatment plant improvements and water transmission main by Resolution R-2002-185. While performing the project scope of work, the Contractor encountered certain unforeseen circumstances which necessitated a change order. All cost involved in the requested change order have been reviewed and approved by Calvin Giordano, the Town's engineering consultant, and the Utilities Director.

**PREVIOUS ACTIONS:** Contract awarded by Resolution R-2002-185

**CONCURRENCES:** The change order has been reviewed by Calvin Giordano, the Utilities Director and the Bid Specification Committee.

### **FISCAL IMPACT:**

Has request been budgeted? Yes If yes, expected cost: \$34,730.00

Account Name: Utilities Department-Capital Outlay Account

Additional Comments: Not applicable

**RECOMMENDATION(S):** Motion to approve the resolution.

### Attachment(s):

Procurement Authorization Change Order Number 2

RESOLUTION NO.
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A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, AUTHORIZING THE MAYOR TO EXECUTE CHANGE ORDER NUMBER 2 BETWEEN THE TOWN AND WHARTON-SMITH, INC. FOR WATER TREATMENT IMPROVEMENTS AND WATER TRANSMISSION MAIN.

WHEREAS, the Town previously awarded a contract to Wharton-Smith, Inc. for water treatment plant improvements and water transmission main by Resolution R-2002-185; and

WHEREAS, field conditions necessitate a change in the scope of work services for this project; and

WHEREAS, this change will facilitate completion of the project.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF DAVIE, FLORIDA:

SECTION 1. The Town Council hereby authorizes the Mayor to execute Change Order Number 2 which results in a net increase of \$34,730.00.

SECTION 2. The Town Council hereby authorizes the expenditure from the Utilities Department-Capital Outlay Account.

This resolution shall take effect immediately upon its passage and SECTION 3. adoption.

PASSED AND ADOF	PTED DAY (	OF, 2	2003
Attest:			MAYOR/COUNCILMEMBER
TOWN CLERK	_		
APPROVED THIS	DAY OF	, 2003	



## Calvin, Giordano & Associates, Inc. Engineers Surveyors Planners

June 26, 2003

Daniel Colabella Utilities Director Town of Davie 6591 Orange Drive Davie, FI 33314

Re:

WTP Improvements & Water Transmission Main

B-02-74

Change Order Number 2 CG&A Project No. 99-1165.3

Dear Mr. Colabella:

Please find the attached Proposal Numbers 11, 13, 14A, 15A, 16 and 5C from the Contractor, Wharton-Smith, Inc. The proposals request an increase in the contract price of \$34,730 and 3 additional calendar days, for work not covered under the original contract. This would make the contract date for completion, August 13, 2003.

Please find the attached Change Order Number 2 authorizing the Contractor to proceed with the above referenced changes. Please execute the form and return to this office for distribution.

Please contact me if you have any comments or questions regarding the above.

Sincerely,

CALVIN, GIORDANO & ASSOCIATES, INC.

Eric M. Jones, P.E. Project Manager

enclosure

CC:

Bill Rahrig, WSI Bill Barto

Reply to:

[3 1800 Eller Drive Suite 600 Fort Lauderdale, Florida 33316 (954) 921-7761 (954) 921-8007 for

1 560 Village Boulevard
Sulte 140
West Palm Beach, Florida 33409
(561) 664-6161
(561) 664-6360 fax

CHANGE ORDER

No. 2

DATE OF ISSUANCE: 06/26/03

PROJECT:

Water Treatment Plant Improvements &

Water Transmission Main

OWNER:

Town of Davie

CONTRACTOR:

Wharton-Smith, Inc.

OWNER'S PROJECT NO.: B-02-74

CONTRACT FOR: Town of Davie Utilities Dept.

ENGINEER: Calvin, Giordano & Associates Inc.

ENGINEER'S PROJECT NO. 99-1165.3

You are directed to make the following changes in the Contract Documents

DESCRIPTION:

1) Remove the unforeseen thrust block and remove and re-install the 24" tec, including joint restraint at the 12" transmission main tie-in for a cost of \$21,102.

2) Install the 12" transmission main under the unforeseen concrete slabs at approximately station 30+00 for a cost of \$1,986.

3) Cut and plug the unforeseen 18" pipe in conflict with the 12" water transmission main at approximately station 16+00 for a cost of \$1,899.

Remove the existing flanged pipe and pipe couplings in the high service pump gallery and replace with new flanged pipe and couplings for a cost of \$5,245.

5) Install additional wire to accommodate the motor heater at Well #10 for a cost of \$2,748 and three additional contract days.

6) Remove and dispose of the asbestos materials discovered in the portable classrooms for a cost of \$3,500.

7) Credit the Owner for \$350 for the unit price amount of PVC casing installed.

8) Credit the Owner for \$1,400 for the stand-by time not used during the well installation.

### PURPOSE OF CHANGE ORDER:

1) During the tie-in of the 12" transmission main an unforeseen thrust block was encountered, requiring removal and the re-installation and restraint of the existing pipe.

2) During the installation of the 12" transmission main an unforeseen concrete slab was discovered at Station 30+00, requiring additional labor to excavate and lay the pipe.

3) During the installation of the 12" transmission main, an unforeseen 18" abandoned pipe was discovered at Station 16+00 in conflict with the proposed pipe requiring additional labor to cut and plug the 18" pipe.

4) During the installation of the high service pumps it was discovered that the existing flanged pipe was too short to make the connection to the proposed piping and the existing couplings were found to be deteriorating. In order to utilize the existing pump support pads and conduits the existing flanged piping and couplings were replaced with longer pipe and new

5) During installation of the well pump #10 it was discovered that the motor was equipped with a motor heater, requiring additional 115 volt wires to be run to the well pump.

6) The asbestos survey on the portable classrooms revealed the presence of asbestos materials requiring additional labor for proper disposal. The quantification of asbestos materials was unknown until the results of the survey.

7) During the installation of well #10,98-feet of PVC casing was installed at a unit price per linear foot for 100 feet of casing.

8) During the installation of the new wells the stand-by time was not used and is credited back to the owner.

CHANGE IN CONTRACT TIMES: Original Contract Times  220 substantial & 250 final (days or date)
Net change from previous Change Orders No. <u>0</u> to No. <u>1</u> O days
Contract Time prior to this Change Order  221 substantial & 251 final (days ex-date)
Net Increase (decrease) of this Change Order  3 (days or date)
Contract Times with all approved Change Orders  224 substantial & 254 final (days or date)
APPROVED:  By:  Contractor  Date:



# CONSTRUCTION GROUP

April 2, 2003

Proposal # 11

Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316

Attention:

Mr. Eric Jones, P.E.

Reference:

Change of Condition #6

System III Water Plant Improvements and Water Transmission Main

Owner: Town of Davie

Engineer: Calvin, Giordano & Associates, Inc. - Project #99-1165

W-S Project #02-034

Subject:

24" High Service Pump Effluent Piping Modifications

Dear Mr. Jones,

This proposal is follow up to the attached Change of Conditions #6 letter dated February 11,

As you know, during the installation of the new 12" water transition main piping on February 6, 2003, Wharton-Smith uncovered a non-standard thrust block at the tie-in location to the existing 24" tec. The concrete thrust block was originally poured against the existing east 24" butterfly valve and enveloped an existing 6" water main adjacent to the new 12" transmission main. Since the location of the thrust block was interfering with the new 12" transmission main, it had to be removed so that the new 12" piping could be installed. In order to remove the thrust block, it had to be jack hammered out so as not to damage the existing 6" water main.

During the tie-in of the new 12" transmission main to the existing 24" tee, it was discovered that the existing 24" piping was not adequately restrained. After discussions in the field with the Owner, Engineer, and Wolverine, Wharton-Smith was directed by the Engineer and Owner to remove the existing 24" piping and re-install the 24" tee, a new concrete thrust block, and new 24" restrained joint sleeves on both the south and the west ends of the existing tee. A section of the existing 6" water main was also replaced during this shutdown. In the spirit of cooperation, and to assist the Owner in placing the 24" effluent piping back into service, Wharton-Smith agreed to perform this extra work. As a result of this extra work, Wharton-Smith has incurred additional costs.

Upon review and approval of our attached extra costs, Wharton-Smith will request that an equitable adjustment to the Contract be made for this additional work in accordance with the Contract Agreement Articles 4.04-B and 12.01.

Attached is a detailed breakdown of the estimated costs associated with performing this additional work.

By mutual acceptance of a lump sum agreement, we propose the above for the firm lump sum add of ......\$21,102.00

Please find attached for your information and use:

- Quotation breakdown
- Subcontractor Quotation

Should you have any questions regarding this matter, feel free to contact me.

Sincerely,

WHARTON-SMITH, INC.

William Rahrig Project Manager

cc: 02-034 C-8A

John Greiner - Project Superintendent

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## WOLVERINE ENGINEERING CONTRACTORS, INC.

PHONE:954600-3833

18320 SW 5240 COURT SW RANCHES, PL 33331 PAX:9546807544

EMAIL: WOLVERINEENGSHOTMAN\_COM

DATE: FEBRUARY 13,2003

TO: WHARTON-SMITH, INC. 3547 S.W. CORPOATE PKWY. PALM CITY, FL. 34990 ATTN: WILLIAM RAHRIG

RE:

TOWN OF DAVIE SYSTEM III-WATER PLANT IMPROVEMENTS C.G.&A. PROIECT #99-165 12" TO 24" WATER TIE IN

DEAR BILL, ON FEBRUARY 6TH, WHILE ATTEMTING TO TIE OUR 12" DIP INTO THE TOWN OF DAVIE'S 24" EXISTING PIPE, WE ENCOUNTERED MAJOR DIFFICULTIES AND TIME LOSS DUE TO SEVERAL ITEMS.

THE FIRST ITEM IS THAT WOLVERINE WAS INSTRUCTED BY THE TOWN OF DAVIE TO PROCEED WITH THE REMOVAL OF THE TERUST BLOCK ON THE EAST SIDE OF THE 24" TEE AND VALVE WHEN WOLVERINE ASKED IF THE LINE WAS SHUT DOWN AND PRESSURE RELEASED FROM THE LINE WE WERE TOLD "YES". WOLVERINE PROCEEDED AND AS A CONSEQUENCE OF THE TOWNS VALVES NOT BEING COMPLETELY SHUT DOWN THE 24" VALVE BLEW OFF THE EXISTING LINE.

THE OTHER BEING THAT THE 24" VALVE THAT BLEW OFF THE LINE WAS NOT PROPERLY RESTRAINED EVEN BY THE STANDARDS OF WHEN IT WAS INSTALLED.

WOLVERINE IS REQUESTING COMPENSATION IN THE AMOUNT OF:

\$14,572.28

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Event Bicher, Fes

Everett BIEBER, PRESIDENT

UNDERGROUND UTILITIES & SITE WORK

Ø 010

JUN-06-2003 FRI 03:42 PM Wharton-Smith, Palm City

FAX NO. 772 283 3121

P. 07

85/65/2883 14:55

9545807544

WOLVERINE ECI

PAGE 02



# WOLVERINE ENGINEERING CONTRACTORS, INC.

PHONE:95~980-3833

18320 SW 52ND COURT SW RANCHOLFL 99331 ENAIL WOLVERINEENGSHOTMALCOM

FAX:034680'7544

DATE: JUNE 6, 2003

TO: WHARTON-SMITH, INC. 3547 S.W. CORPOATE PKWY. PALM CITY, FL. 34990 ATTN: WILLIAM RAHRIG

RE:

TOWN OF DAVIE SYSTEM IT-WATER PLANT IMPROVEMENTS C.G.&A. PROJECT #99-165 BLOW OFF OF 24" VALVE

DEAR BILL

THE FOLLOWING IS A BREAKDOWN OF COSTS FOR THE BLOW OFF OF THE 24" VALVE:

THURSDAY FEBRUARY 6TH

- SPM TO 12 AM—BUD, BRIAN, TODD, KEVIN, VINNIE = \$1,801.80 • SPM TO 12 AM—LOADER, COMBINATION, COMPRESSOR, GENERATER, (3) PICK-UP TRUCKS, (2) RENTAL SAWS, BLADES, GAS/FUEL, MEALS - \$1,254.40

- FRIDAY FEBRUARY 7TH 12AM TO 1AM—SAME LABOR AND EQUIPMENT AS ABOVE = \$402.60
- 1AM TO 5AM—BUD, BRIAN, TODD, KEVIN \$871.20
- 1AM TO 5AM—SAME EQUIPMENT AS ABOVE \$580.80
- SAM TO 7AM—BUD, BRIAN, AND PICK-UP TRUCKS \$378,00
- 8:30AM TO 8:30PM—BUD, BRIAN, TODD, KEVIN, MATT, MIKB = \$3,520.80
- 8:30AM TO 8:30PM—SAME EQUIPMENT AS ABOVE = \$1,868.40

- SATURDAY FEBRUARY 8TH 8AM TO 4PM—BUD, KEVIN, 9AM TO 4PM—TODD, 9:30AM TO 4PM—MATT, 9:30AM TO 1PM— RAY, 10AM TO 2PM—EDDY = \$2,160.90
- 9AM TO 4PM—SAME EQUIPMENT AS ABOVE = \$1,254.40

ADD: \$285.00 FOR A LOAD OF ROCK

SUBTRACT: FRIDAY 2AM TO 4AM—WORKED ON 12" LINE, IN CONTRACT = \$726.00

WOLVERING IS REQUESTING COMPENSATION IN THE AMOUNT OF:

\$13,659.30

+ \$912.98 (OVERHEAD)

#14,572.28



Wharton-Smith, Inc.

February 11, 2003

CC # 023

Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316

Attention:

Mr. Eric Jones

Reference:

Change of Condition #6

System III Water Plant Improvements and Water Transmission Main

Town of Davie

W-S Project #02-034

Dear Mr. Jones,

This letter serves as written notification that Wharton-Smith, Inc., has discovered the following condition that differs materially from that represented by the Contract Documents:

During the installation of the new 12" water transition main piping on February 6, 2003, Wharton-Smith uncovered a non-standard thrust block at the tie-in location to the existing 24" tee. The concrete thrust block was originally poured against the existing east 24" butterfly valve and enveloped an existing 6" water main adjacent to the new 12" transmission main. Since the location of the thrust block was interfering with the new 12" transmission main, it had to be removed so that the new 12" piping could be installed. In order to remove the thrust block, it had to be jack hammered out so as not to damage the existing 6" water main.

Once the tie-in of the new 12" transmission main to the existing 24" tee was complete, the system was placed back into service. Subsequently, the existing piping would not hold pressure, and after site investigations, it was discovered that the existing 24" piping was not adequately restrained. After discussions in the field with the Owner, Engineer, and Wolverine, Wharton-Smith was directed by the Engineer and Owner to remove the existing 24" piping and install a new 24" tee, concrete thrust block, and 24" restrained joint sleeves on both the south and the west ends of the existing tee. A section of the existing 6" water main was also replaced during this shutdown. In the spirit of cooperation, and to assist the Owner in placing the 24" effluent piping back into service, Wharton-Smith agreed to perform this extra work. As a result of this extra work, Wharton-Smith has incurred additional costs.

A proposal for this differing site condition will be provided at a later date since the total impact of this interference is not yet known. Upon review and approval of our extra costs, Wharton-

Smith will request that an equitable adjustment to the Contract be made for this additional work in accordance with the Contract Agreement Articles 4.04-B and 12.01. Wharton-Smith reserves the right to claim additional Contract Time as a result of this interference.

Should you have any questions regarding this matter, feel free to contact me.

Sincerely,

WHARTON-SMITH, INC.

William Rahrig Project Manager

cc:

02-034 C-8A



May 1, 2003

Proposal # 13

Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdalc, FL 33316

Attention:

Mr. Eric Jones, P.E.

Reference:

Change of Condition #8 Concrete Slab Conflict at NW 37th Street System III Water Plant Improvements and Water Transmission Main

Owner: Town of Davie

Engineer: Calvin, Giordano & Associates, Inc. - Project #99-1165

W-S Project #02-034

Dear Mr. Jones,

During installation of the 12" water transmission main piping on January 27, 2003, Wharton-Smith encountered an interference with unforeseen underground concrete slabs at the approximate location of station 30+00. This conflict caused additional excavation and equipment downtime to install the transmission main piping in this area. As a result of this interruption in the work, Wharton-Smith has incurred additional costs.

Upon review and approval of our attached extra costs, Wharton-Smith will request that an equitable adjustment to the Contract be made for this additional work in accordance with the Contract Agreement Articles 4.04-B and 12.01.

Attached is a detailed breakdown of the estimated costs associated with performing this additional work.

By mutual acceptance of a lump sum agreement, we propose the above for the firm lump sum add of \$1,986.00

Please find attached for your information and use:

- Quotation breakdown
- Subcontractor Quotation

Should you have any questions regarding this matter, feel free to contact me.

Sincerely,

WHARTON-SMITH, INC.

William Rahrig Project Manager

02-034 C-8A

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THE COMPANY OF THE PARTY OF THE	NAME		COST	PERCENT		FEE
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Contractor	<u> </u>	<del></del>	355.00	Fee (15%)	\$	53.25
1. Direct Labor.	Wharton-Smith, Inc.	<u> </u>	12.72	Fee (15%)	\$	1.91
<ol><li>Material and Equipment.</li></ol>	Wharton-Smith, Inc.	\$ 5	1,380.00	Fee (10%)	\$	138.00
Subcontractors:	Wolverine		1,500.00		\$	
	ļ	<del>-  </del> -			\$	
	<u></u>			SUBTOTAL (5)	\$	193.10
				SUBTOTAL (1 to 5)	\$	1,940.88
Subtotal without Bonds and li	nsurance			2% of 5-C	\$	\$8.82
. Bonds and Insurance	ngh)			Fee (15% of 5-D)	\$	5.82
Fee for Bonds and Insurance TOTAL COST		POSAL		GRAND TOTAL	\$	1,98
s part of this Change Proposal ustification:	II, the Cultisciol requests (					
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Contractor RECOMMENDATION by E  Signature of Engineer: ACCEPTANCE BY OWNE	As pan of the Change Proposal,	Manager  Where for Representations of processing proces	g)	Date:	e: 5	J1/03  International Property of the Control of the
Signeture of Owner's Authorizations	As pan of the Change Proposal, of the Change Proposal, of the William Rahrig - Project or Wharton-Smith, Inc.  NGINEER: (Forward to Company of the Change Proposal of the Change Propos	Manager  Where for Representations of processing proces	g)  TRACTOR:  D: John Greit	Date:	e: S	11/03

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PAGE 82

WOLVERINE ECI

# WOLVERINE ENGINEERING CONTRACTORS, INC.

PHONE:954-680-3833

9546887544

18325 SW 52x0 COURT SW RANCHES, FL 33331 FAX:954680-7544

EMAIL: WOLVERINGENGOHOTMAIL.COM

DATE: FEBRUARY 14,2003

TO: WHARTON-SMITH, INC. 3547 S.W. CORPOATE PKWY. PALM CTTY, FL. 34990 ATTN: WILLIAM RAHRIG

RE:

TOWN OF DAVIE SYSTEM III-WATER PLANT IMPROVEMENTS C.G.&A. PROJECT #99-165 CONFLICT W/ CONCRETE SLABS NW 37 ST.

DURING THE WEEK OF JANIARY 27,2003, WOLVERINE ENCOUNTERED, ON TWO SEPARATE DEAR BILL, OCCASIONS, UNFORSEEN CONCRETE SLABS OVER WATER PIPES, WE EXPERIENCED ADDI-TIONAL WORK EXCAVATING AND LAYING HENEATH THESE SLABS.

WOLVERINE IS REQUESTING COMPENSATION IN THE AMOUNT OF:

\$1,380.00

THANK YOU.

EVERETT BIEBER, PRESIDENT



June 6, 2003

## Proposal # 14-A

Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316

Attention:

Mr. Eric Jones, P.E.

Reference:

Change of Condition #9 - Conflict with an Unforeseen Existing 18" Pipe

System III Water Plant Improvements and Water Transmission Main

Owner: Town of Davie

Engineer: Calvin, Giordano & Associates, Inc. - Project #99-1165

W-S Project #02-034

Dear Mr. Jones,

This proposal letter is follow-up to our verbal agreement at our monthly progress meeting on June 5, 2003, concerning an interference with an existing unforeseen 18" pipe at the approximate location of station 16+00.

Pursuant to our verbal agreement in our meeting referenced above, attached is a revised proposal and a detailed breakdown of our extra costs associated with performing this additional work.

By mutual acceptance of a lump sum agreement, we propose the above for the firm lump sum add of \$1,899.00

Please find attached for your information and use:

- Quotation breakdown
- Subcontractor Quotation

Should you have any questions regarding this matter, feel free to contact me.

Sincerely,

WHARTON-SMITH, INC

William Rahrig Project Manager

cc:

02-034 C-8A

W-S WHARTON-SMITH, INC.				CHANGE ROPOSAL
W-S WHARTON-SIMITH, INC. 3547 S.W. CORPORATE PARKY	YAY			SUMMARY
PALM CITY, FLORIDA 34990		INDUSTRIAL_	NO.:	14-A
COMME	RCIAL_	NDUSTRIAL		
COMME		alon Mair	W-S JOB NO.	02-034
OJECT NAME: System III Water Plan	at Improvements and Water Transmis	SIOTINGIT	DATE	June 5, 2003
LOCATION: Davis, Florida			DRWG NO.:	Varies .
Town of Davie			SPEC SEC:	
ENGINEER: Calvin, Giordano & A	ssociates, Inc Project No.: 99-1169		Total Control of the	NAMES OF THE PERSON OF THE PER
	King part that the same of the	FIELD ORDER NO.:		
FERENCE: RFINO.: WORK DIR	ECTIVE NO.:	·		
ESCRIPTION:				
hange of Conditions #9 - Conflict of 12" water tra	osmission main with underground, u	nforeseers existing 18" pipe a	it approximate stat	ion 16+00.
hange of Conditions #9 - Conflict of 12 Water tha	TEST TO STATE OF THE STATE OF T			
dditional work to cut and plug the existing pipe, e	xcavation, and equipment downtime	occurred as a result of this o	onflict.	,
dditional work to che sup brod are asset a fair				
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THE RESERVE OF THE PERSON OF T	PRICING INFORMATION			
		MANHOURS	RATE	COST
	SKILLTRADE		\$ 25,00	is .
. DIRECT LABOR	Laborer	MH MH	\$ 30.00	
	Mechanical	MH MH	\$ 40.00	
	Operator	MH	\$ 40.00	
	Foreman	O MH	\$ 70.00	
	Superintendent	1 MH	\$ 65.00	
	Project Assistant Project Manager	2 MH	\$ 110.00	
	FIOJECT METAGET			\$
	The state of the s	\$U	BTOTAL (1)	\$ 285.
		QUANTITY	UNIT PRICE	COST
2. MATERIALS AND EQUIPMENT	DESCRIPTION	The second secon		\$
2.A INCORPORATED IN WORK:			<del></del>	\$
254 1100111 01011				\$
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		0.181	3.0	
2.8 CONSUMED IN PERFOR:	Small tools and expendables	3 MH		5
2.C EQUIPMENT:				5
		_		\$
2.D DIRECT COSTS:			inanoria	- S
2.E SALES TAX 6%			JBTOTAL (2)	\$ 9
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3. SUBCONTRACTORS	NAME	DESCRIPTION	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	
3.A DIRECT:	Wolverine Engineering	Additional excavation and	downtime	\$ 1,380
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				<u>-   </u>
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			UBTOTAL (3)	\$ 1,38

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<b>VIII</b>	10 mm					·
		<u> </u>		SUBTOTAL (4)		
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FEE STRUCTURE	10 011		COST	PERCENT	elitel de teles.	ски: - Минический в
	Angle Personal Inflanta - Service Program Address of m				<u> </u>	42,75
Contractor	Wharton-Smith, Inc.	\$	285.00	Fee (15%)	\$	1.43
<ol> <li>Direct Labor:</li> <li>Material and Equipment</li> </ol>		\$	9.54	Fee (15%)	\$	138.00
Subcontractors:	Wolverine	5	1,380.00	Fee (10%)	s	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
000000000000000000000000000000000000000		_			\$	-
				SUBTOTAL (5)	\$	182.16
				SUBTOTAL (1 to 5)	\$	1,856.72
Subtotal without Bonds and	Insurance	<del></del>		2% of 5-C	\$	37.13
Bonds and Insurance				Fee (15% of 5-D)	\$	5.5
Fee for Bonds and Insuran	ST OF THIS CHANGE PRO	POSAL:		GRAND TOTAL	\$	1,89
Mental Control of the National	of the Chance Process	on account of the Construction	shall provide appli	cable record drawing information	energy personal	ana ang mga kanalanan
ECORD DOCUMENTS: tected by this change. Sig Contra	As part of this Change Proposed, ined:  By: William Rahrig - Projector: Wharton-Smith, Inc.  ENGINEER: (Forward to company)	Manager		Dat	e: <u>(</u>	16/03
RECORD DOCUMENTS: Fected by this change. Sig  Contra  RECOMMENDATION by	ined: William Rahrig - Projector: Wharton-Smith, Inc. ENGINEER: (Forward to 0	Manager Owner for I	2 d Review)	Dat	e: <u>/</u>	603
Signature of Engineer:	ined:  By: William Rahrig - Projector: Wharton-Smith, Inc.  ENGINEER: (Forward to 0)  NER: (return to engineer f	Manager Owner for I	2 d	Dat	e: <u>/</u>	603
Signature of Owner's Author	med: William Rahrig - Projector: Wharton-Smith, Inc.  ENGINEER: (Forward to 0)  PROJECTOR OF THE CONTROL OF THE	Owner for I	Review)	Date:	e:	16/03
Signature of Owner's Author	ined:  By: William Rahrig - Projector: Wharton-Smith, Inc.  ENGINEER: (Forward to 0)  NER: (return to engineer f	owner for I	Review)	Date:	e:	603

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9546607544

WOLVERINE ECI

PAGE 03



# WOLVERINE ENGINEERING CONTRACTORS, INC.

PHONE:954-680-3835

18320 SW 52ND COURT SW PARCHOS, FL 33331 EMAIL: WOLVERINEENGGHOTMAIL, COM

FAX:954680-7544

DATE: FEBRUARY 14,2003

TO: WHARTON-SMITH, INC. 3547 S.W. CORPOATE PKWY. PALM CITY, FL. 34990 ATIN: WILLIAM RAHRIG

RE:

TOWN OF DAVIE SYSTEM III-WATER PLANT IMPROVEMENTS C.G.&A. PROJECT #99-165 CONFLICT W/ 18" PIPE DEC.26,2002

ON DECEMBER 26TH, 2002, WHILE INSTALLING THE 12" DIP IN THE AREA INSIDE THE PLANT AT THE FENCE GOING INTO ST. BERNADETTE'S, WOLVERINE ENCOUNTERED AN UNFORSEEN 18" PIPE, WE EXPERIENCED DOWN TIME WHILE AWAITING A DECISION AND ADDITIONAL TIME TO CUT AND PLUG PIPE.

WOLVERINE IS REQUESTING COMPENSATION IN THE AMOUNT OF :

\$1,380.00

THANK YOU,

EVERETT BIEBER, PRESIDENT



June 6, 2003

## Proposal # 15-A

Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316

Attention:

Mr. Eric Jones, P.E.

Reference:

Change of Condition #7

System III Water Plant Improvements and Water Transmission Main

Owner: Town of Davie

Engineer: Calvin, Giordano & Associates, Inc. - Project #99-1165

W-S Project #02-034

Subject:

Extension of Existing 18" High Service Pump Station Header Piping

Dear Mr. Jones,

This proposal letter is follow-up to our verbal agreement at our monthly progress meeting on June 5, 2003, concerning the modifications to the existing 18" high service pump station discharge and suction piping.

Pursuant to our verbal agreement in our meeting referenced above, attached is a revised proposal and a detailed breakdown of our extra costs associated with performing this additional work.

By mutual acceptance of a lump sum agreement, we propose the above for the firm lump sum add of \$5,245.00

Please find attached for your information and use:

- Quotation breakdown
- Supplier Quotation

Should you have any questions regarding this matter, feel free to contact me.

Sincerely,

WHARTON-SMITH, INC.

William Rahrig Project Manager

CC:

02-034 C-8A

W-S WHARTON-SMIT	H, INC.				CHANGE ROPOSAL
3547 S.W. CORPO	RATE PARK	NAY			SUMMARY
PALM CITY, FLOR	RIDA 34990		INDUSTRIAL	NO.:	15-A
IVII	COMME	RCIAL	INDUSTRIAL TOTAL		WEAR SHOE
			Land Main	W-S JOB NO.	02-034
OJEČT NAME: Syste	em III Water Plai	nt Improvements and Water Transmiss	SOLL MAIL.	DATE:	June 5, 2003
LOCATION: Davi	e, Florid8			DRWG NO	Varies .
OWNER: Town	n of Davie			SPEC SEC	
ENGINEER: Calv	in, Giordano & A	ssociates, Inc Project No.: 99-1165	TANK STRUMENTS	- Interior to serior Water State ( William	
SCRIPTION:		ssociates, Inc Project No.: 99-1165			
tend existing 18" header piping	at the High Serv	rice Pump Station gallery to accommo	date new pumps.		
		PRICING INFORMATION	A CONTRACTOR OF THE PROPERTY O		THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
The state of the s	A STATE OF THE PARTY OF THE PAR	PRICING INFORMATION			
				RATE	COST
		SKILL/TRADE	MANHOURS		T#
		Laborer	мн	\$ 25.00	100
DIRECT LABOR		Mechanical	16 MH	\$ 30.00 \$ 30.00	
		Carpenter	MH	\$ 30.00 \$ 40.00	1-2
		Foreman	мн		500
		Superintendent	8 MH	\$ 70.00 \$ 65.00	T
		Project Assistant	2 MH	\$ 110.00	
		Project Manager	4 MH		
				SUBTOTAL (1)	IS 1.01V.
		Name and the second sec	aparte (v) are an inches and a parte (i) and the property area.	The second control of the second seco	A THE RESERVE OF THE PARTY OF T
MATERIALS AND EQUIP	PMENT	DESCRIPTION	QUANTITY	UNIT PRICE	war san a salam na sanar na manan na manan na salam na sanar na sanar na sanar na sanar na sanar na sanar na s
		Replace existing spools	2 ea	\$ 578,49	
2.A INCORPORATED	IN WORK:	Replace existing dresser cpigs	2 ea	\$ 244.92	
		Modify existing restraints	1 ls	\$ 350.00	350
		Dumpster pull	i Is	\$	\$
		Boom-truck rental (1-days)	1 day	\$ 600.00	\$ 600
		HOUTPE BCX Terrial (1-days)			\$
			<u> </u>		\$
			<del>                                     </del>		\$
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			I SU MID	\$ 3.00	
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2.C EQUIPMENT:		Small tools and expendances	30 MIF	\$ 3.00	\$
2.C EQUIPMENT: 2.D DIRECT COSTS					\$ \$ \$ 16
2.C EQUIPMENT:		Small tools and experioanies			\$ \$ \$ 16
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4/3/2003 4:32 PAGE 1/1 RightFax



FEI-DAVIE WATERWORKS #1206 5850 ORANGE DR DAVIE, FL 33314 Deliver To: BILL WEARTON SMITS

from: Nikki Kushma

Comments: HERE IS CHANGE ORDER MATERIAL

16:20:02 APR 03 2003

FERGUSON ENTERPRISES, INC. FELPOMPANO BEACH, FLWW #125

Price Quotation

Phone: 954-792-0901

Fax: 954-792-4368

Page# 1

Bid No.....: 827705

Bid Dale....: 04/03/03

Quoted By.: NLK

Cust Phone: 407-321-8410

Terms...... NET 10TH PROX

Customer: WHARTON-SMITH INC

\*WATER PLANT & TRANSMISSION MA

PO BOX 471028 750 COUNTY RD #15 LAKE MONROE, FL 32747 Ship To: WHARTON-SMITH, INC

"WATER PLANT & TRANSMISSION MA

3500 NW 76 AVE DAVIE, FL 35024

Cust PO# ...: CHANGE ORDER

Job Name: WATER PLANT & TRANSMISSION MAI

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SP-184005C	18" 400-19,5-1 STEEL COUPLINGS	- 1	63.54D	£Α	63.54
\$P-\$2329007C	3/4 TRUE UNION BALL VALVE W/EPDM				 1 <b>847.62</b>
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 Net Total:
 1847.62

 Tax:
 110.86

 Total:
 1958.48

Quoted prices are based upon receipt of the total quantity for immediate shipment or shipments within thirty (30) days of a bid opening only, and are offered confingent upon the Buyer's acceptance of Seiler's terms and conditions. Seller objects to all other terms and conditions. Future shipments subject to price changes, Seller not responsible for delays by causes beyond other terms and conditions. Future shipments subject to price changes, Seller not responsible for delays by causes beyond other terms and conditions, Future shipments subject to price changes, Seller not responsible for Approximation of the Expression of the proposed shipments of MERCHANTABUTY AND FINESS OR FINESS FOR A PARTICULAR IMPLIED WARRANTES OF MERCHANTABUTY AND FINESS OR FINESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL SELLER BE LIABLE FOR ANY INCIDENTAL PUNTIVE, SPECIAL OR CONSCIUENTIAL DAMAGES ARISING PURPOSE. IN NO EVENT WILL SELLER BE LIABLE FOR ANY INCIDENTAL PUNTIVE, SELLER'S LIABLITY, IF ANY, SHALL BE LIMITED TO THE NET DIRECTLY OR INDIRECTLY FROM THE OPERATION OR USE OF THE PRODUCT. SELLER'S LIABLITY, IF ANY, SHALL BE LIMITED TO THE NET SALES PRICE RECEIVED BY SELLER. Complete Terms and Conditions are available upon request or can be viewed on the web at www.fergus.on.com/salesterms.html.



# Wharton-Smith, Inc.

April 2, 2003

CC # 029

Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316

Attention:

Mr. Eric Jones, P.E.

Reference:

Change of Condition #7

System III Water Plant Improvements and Water Transmission Main

Town of Davie W-S Project #02-034

Dear Mr. Jones.

This letter serves as written notification that Wharton-Smith, Inc., has discovered the following condition that differs materially from that represented by the Contract Documents:

During the final layout of the new 18" high service pump station discharge and suction piping on March 31, 2003, Wharton-Smith discovered that the existing flanges on both the 18" suction and discharge header piping are approximately 5" shorter than what is shown on Contract Drawing 12. As a result, if the new 18" suction and discharge tees are placed on the existing flanges as shown on the drawings, the new pumps will shift approximately 5" to the West, and will not fit on the existing pump pads.

Wharton-Smith recommends that new, longer, 18" flange x pe suction and discharge spools be purchased to replace the existing 18" flange x pe suction and discharge spools to the existing dresser couplings. (See attached sketch, SK-1) Since the existing 18" dresser couplings on the suction and discharge header piping appear to be damaged, Wharton-Smith also recommends replacing the existing dresser couplings.

Should this recommendation be accepted, a proposal for this extra work will be provided. Upon review and approval of our extra costs, Wharton-Smith will request that an equitable adjustment to the Contract be made for this additional work in accordance with the Contract Agreement Articles 4.04-B and 12.01. Wharton-Smith reserves the right to claim additional Contract Time as a result of this differing site condition.

Should you have any questions regarding this matter, feel free to contact mc.

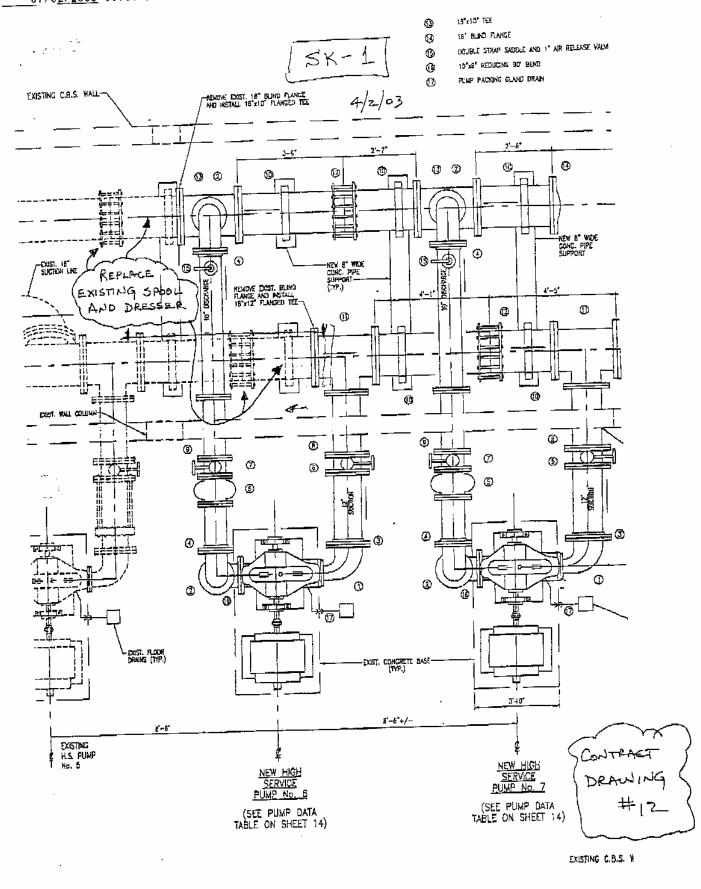
Sincerely,

WHARTON-SMITH, INC.

William Rahrig Project Manager

cc:

02-034 C-8A





# Wharton-Smith, Inc.

## Proposal # 16

Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316

Attention:

Mr. Eric Jones, P.E.

Reference:

System III Water Plant Improvements and Water Transmission Main

Owner: Town of Davie

Engineer: Calvin, Giordano & Associates, Inc. - Project #99-1165

W-S Project #02-034

Subject:

Install Additional Wire in Existing Conduit for Well #10 Motor Heater

Dear Mr. Jones,

Wharton-Smith proposes to furnish the necessary labor, materials, equipment, tools, and supervision to install additional wire to accommodate the motor heater at the new Well #10 pump, in accordance with the attached Engineer's response to RFI #009.

Since this work will begin once all other work has been completed, Wharton-Smith will require that three (3) additional days be added to the Contract Time. The costs and time estimates are also contingent on acceptance of this proposal by June 6, 2003, and a Change Order issued by June 30, 2003.

Attached is a detailed breakdown of the estimated costs associated with performing this additional work.

By mutual acceptance of a lump sum agreement, we propose the above for the firm lump sum add of \$2,748.00

Please find attached for your information and use:

- Quotation breakdown
- Subcontractor Quotation

Should you have any questions regarding this matter, feel free to contact me.

Sincerely,

WHARTON-SMITH, INC.

William Rahrig Project Manager

ce:

02-034 C-8A

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Energy Efficient Electric, Inc

### William Rahrig

From:

Bill Scott [Bill@energyeff.com]

Sent:

Tuesday, May 27, 2003 9:41 AM

To:

Bill Rahrig (E-mail)

Subject: C.O.P. #4 Well10 heater.doc

May 27, 2003

Change Order Proposal No. 4

Town of Davie WTP Improvements

Well No.10 Motor Space Heater Electrical

Furnish and install a 120-Volt circuit from Motor Control Center No.1 Well 10 Starter to Well 10 site for the motor space heater. This control circuit will be installed in the Well 10 flow meter raceway. This circuit will only be energized when the motor is off.

Furnish necessary wiring, motor starter auxiliary contact and installation as needed.

Lump Sum

\$1,905.00

If you have any questions, call me at the office.

Thank You Very Kindly,

Bill Scott

Bill Scott Vice President 05/28/2003 10:59 FAX

CALVIN GIORDANO

100



Calvin. Giordano & Associates, Inc. Engineers Surveyors Planners 1800 Eller Driva. Suite 600 Fort Landerdale, Florida 33316 Phone: 954-931.7781 For: 954.911.8807



## **FACSIMILE**

TO:

William Rahrig

Wharton-Smith, Inc.

DATE:

5/28/2003

FAX:

FROM:

772-283-3121

Eric Jones, P.E.

No.Pg's: 2 including cover

RE:

CC:

Town of Davie WTP Improvements

**RFI#9** 

Dan Colabella (433-4014),

PROJ. #: 99-1165.3

Don Haumann (797-1086),

Bill Barto, File (1)

Hard copy follows by

**j**mail

Fed-X

courier

X No Hard Copy

Attached please find a copy of your RFI#9 and the Electrical Engineer's response.

If you have any questions give me a call.

Thank you,

Eric Jones, P.E.

CALVIN GIORDANO

**2**002

### C & W engineering

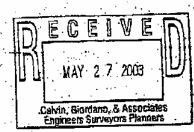
Electrical Consultants

2326 S. Congress Avenue, Sulte 1F West Palm Beach, Florida 33406 (561) 642-5333 (561) 966-2293 Fax

May 23, 2003

Mr. Eric Jones, P.E. Calvin, Giordano & Associates, Inc. 1800 Eller Drive Suite 600 Fort Lauderdale, FL 33316

Subject: Town of Davie, WTP Improvements... C&W Ref. 52002



Dear Eric

In reference to Warton-Smith, Inc., RFI #009 for the motor space heater, we recommend the installation of 3-#12 wires from the MCC to the well pump #10. It is our understanding that the space heater in the motor is rated 100W. If this is incorrect, please inform us in writing.

Conduit No. P003 can be utilized for the underground portion of the installation. Install the 3 #12 wires in ½" conduit above ground. The Contractor shall verify the size of the CPT in the MCC and if required, increase the CPT capacity for the space heater.

Please call with any questions you might have in reference to the above.

Very truly yours,

C&W Engineering

Charles Derl, P.E

DGW/nl

05/28/2003 10:58 FAX

CALVIN GIORDANO

**2003** 

MAY-20-2003 TUE 05:40 PM Wharton-Smith, Palm City

FAX NO. 772 283 3121

P. 02



## Wharton-Smith, Inc.

CONSTRUCTION GROUP

3547 SW Corporate Parkwey, Palm City, FL 34999 Phone: (772) 283 - 2944 . Fax: (772) 283 - 3121

RFI #009

### FAX TRANSMITTAL

## RFI - REQUEST FOR INFORMATION

TO:	Enc Jones, P.E.	DATE:	5/20/03 1 (including cover)
COMPANY:	Celvin, Giordano & Associates, Inc. (954) 921 – 8807	PAGES.	(Madding Sect)
FAX NO. PHONE NO.	(954) 921 - 7781	<i>:</i>	
FROM: SUBJECT:	William Rahrig Power to Well #10 Motor Heater	<u>.</u>	
CGA JOB # W/S JOB#	99-1165 02-034 – Town of Davie System III	ران دار	
AM2 100 #	Water Plant Improvements	-	

During the start-up and installation certification of Well Pump #10, it was discovered that the motor is equipped with a motor heater. The motor heater requires a 115V feed from the motor starter. The electrical drawings do not show 115V power to the well. Tha C.

Please review and advise how Wharton-Smith is to proceed.

if you have any questions, or need any additional information, please do not hesitate to contact me.

Sincerely,

cc:

William Rahrig Project Manager

> John Greiner - Wharton-Smith Bill Scott - Energy Efficient



Wharton-Smith, Inc

June 6, 2003

Proposal # 05-C

Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316

Attention:

Mr. Eric Jones, P.E.

Reference:

Change of Condition #2 - Asbestos Removal at Portable Classroom Units System III Water Plant Improvements and Water Transmission Main

Owner: Town of Davie

Engineer. Calvin, Giordano & Associates, Inc. - Project #99-1165

W-S Project #02-034

Dear Mr. Jones,

This proposal letter is follow-up to our verbal agreement at our monthly progress meeting on June 5, 2003, concerning the discovery of asbestos materials in the portable classroom units at St. Bernadette Church.

Attached is the cost to remove the asbestos from the portable classroom units at St. Bernadette Church. Given that this project is nearing completion, please process a Change Order for this extra work as soon as possible.

Attached is a detailed breakdown of the cost to perform this additional work.

Pursuant to our verbal agreement referenced above, we propose the above for the firm lump sum add of

Please find attached for your information and use:

Quotation breakdown

Should you have any questions regarding this matter, feel free to contact me.

Sincerely,

WHARTON-SMITH, INC.

William Rahrig Project Manager

cc:

02-034 C-8A

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			<del></del>	\$
2.D DIRECT COSTS:				\$
2.E SALES TAX 6%		The first of the second of second of the last of the l		\$
	NAME	DESCRIPTION	PROPERTY OF THE PROPERTY OF TH	COST
3. SUBCONTRACTORS	Pete's Trucking and Demotition	Remove asbestos materia	American Property of the Property of the Party of the Par	\$ 3,500
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		DESCRIPTIO	N OF WORK		
ONSULTANTS	NAME	UESCKIA NO	and programmed and the programme	<u> </u>	
ONSOLING	The transport of the section of the				
		_l	SUBTOTAL (4)		energy (See Interpret) (See Asseys
	The second secon	COST	PERCENT	f	EE
wang pengangan penga	NAME	COST	diversity of the second supplier of the secon	South of the sales	CO-particular - propinsion
FEE STRUCTURE	the little principle in the constitution in the best section in	-torsell for short of the feether short of the feet		<del> </del>	<del>  </del>
Contractor	The Control lead		Fee (15%)	\$	
Direct Labor:	Wharton-Smith, Inc.		Fee (15%)	\$	
2. Material and Equipmen	it: Wharton-Smith, Inc.	\$ 3,500.00	Fee (0%)	\\\s^-	
Subcontractors:	Pete's Demolition			<del>    -</del>	
			(6)	\$	
			SUBTOTAL (6) SUBTOTAL (1 to 5)	\$	3,500.00
				-\s	
Subtotal without Bonds ar	UQ INSUIBILICE		0% of 5-C Fee (15% of 5-D)	\ <u>*</u>	-
South and Insurance				_ — —	3,500
Fee for Bonds and Insura	nce, only OST OF THIS CHANGE PRO RACT TIME:	POSAL:	GRAND IO AL	Service Landing	Pleaning training of the con-
	S As part of this Chenge Proposel		Many restaurable to the state of the state o	Microsophical Control	
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Signature of Engineer.  ACCEPTANCE BY C	Signed:  By: William Rahrig - Project Wharten-Smith, Inc.  by ENGINEER: (Forward to be a second	CONTRACTIC	Date:  OR: Wharton-Smith.  Greiner - Superintende	ate: Z	PROJECT:02